### Contents

The course provides an insight into the formation and change of crystalline, i.e. igneous and metamorphic rocks, which make up a significant part of the modern Earth’s crust and Earth’s surface. Further, the connection between the rock formation (petrogenesis) and the geodynamical processes of the planet Earth, which change constantly, will be made. This includes an introduction to modern methods in order to quantify information, which are contained in rocks, about pressure, temperature and point of time of the rock formation. Next to theoretical considerations, practical observations on thin sections of rocks under the polarisation microscope will be of great importance.

### Intended learning outcomes

Students possess the basic knowledge of igneous and metamorphic Petrology.

### Courses

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<thead>
<tr>
<th>Type</th>
<th>Number of weekly contact hours</th>
<th>Language (if other than German)</th>
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<tbody>
<tr>
<td>V + Ü</td>
<td>(no information on SWS (weekly contact hours) and course language available)</td>
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### Method of assessment

Written or oral examination of one candidate each or presentation (approx. 30 minutes each)

### Allocation of places

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### Additional information

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### Referred to in LPO I

(examination regulations for teaching-degree programmes)

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### Module appears in

Bachelor’ degree (1 major) Geography (2010)